

1. THIS DRAWING SHALL BE INTERPRETED IN ACCORDANCE WITH APPLICABLE STANDARDS LISTED IN DOD-STD-100.

2. THE FOLLOWING ARE MANDATORY WHEN INDICATED BY ■

- ☐ REMOVE BURRS
- ☐ BREAK SHARP EDGES .010 MAX
- ☐ FILLETS R .010 MAX.
- ☒ 125° ALL OVER, EXCEPT AS NOTED
- ☐ DIMENSIONS APPLY AFTER PLATING
- ☐ TOLERANCES ON STOCK MATERIAL SIZES, SHALL BE AS SPECIFIED IN APPLICABLE SPECIFICATIONS.
- ☐ ANSI Y14.5-DATED 1973 APPLIES
- ☐ FED-STD-H28 APPLIES

3. ITEM 8 OR 9 TO BE TIGHTENED  
TO 60 ± 5 IN-LB

4. APPLY LOT NUMBER BY MEANS OF ENGRAVING, UTILIZING ALPHANUMERIC CHARACTERS .20 TO .25 INCH HIGH BY .015  $\pm$ .005 INCH DEEP.

6. S, M OR L, SIZE DESIGNATION

7. WHEN DELIVERING THIS PART TO THE GOVERNMENT AS A CONTRACT LINE ITEM, THE FOLLOWING SHALL APPLY:

A. THE LOT NUMBER SHALL BE APPLIED AT THIS LEVEL OF ASSEMBLY.

B. THE LEAKAGE OF THE FACEPIECE WITH THE SIDE PORT AND OUTLET VALVE SEALED SHALL NOT BE GREATER THEN 0.5 CUBIC CENTIMETERS (CM<sup>3</sup>) PER MINUTE AT A PRESSURE DIFFERENTIAL OF 150 MILLIMETERS (MM) OF WATER (0.003 PERCENT AEROSOL PENETRATION).

C. OUTLET VALVE LEAKAGE SHALL NOT BE GREATER THAN 15 CM3 PER MINUTE OF STANDARD TEMPERATURE AND PRESSURE DRY (STPD) AIR AT A PRESSURE DIFFERENTIAL EQUIVALENT TO 25 MM OF WATER.

D. INHALATION RESISTANCE OF THE FACEPIECE SHALL BE NOT GREATER THAN 55 MM OF WATER AT A FLOW OF 85 LITERS PER MINUTE (LPM).

E. EXHALATION RESISTANCE OF THE FACEPIECE SHALL NOT BE GREATER THAN 26 MM OF WATER AT A FLOW RATE OF 85 LPM.

F. THE DRINK SYSTEM SHALL HAVE A MINIMUM AIRFLOW OF 2.0 LPM AT A MAXIMUM PRESSURE DIFFERENTIAL EQUIVALENT TO 56 MM OF WATER.

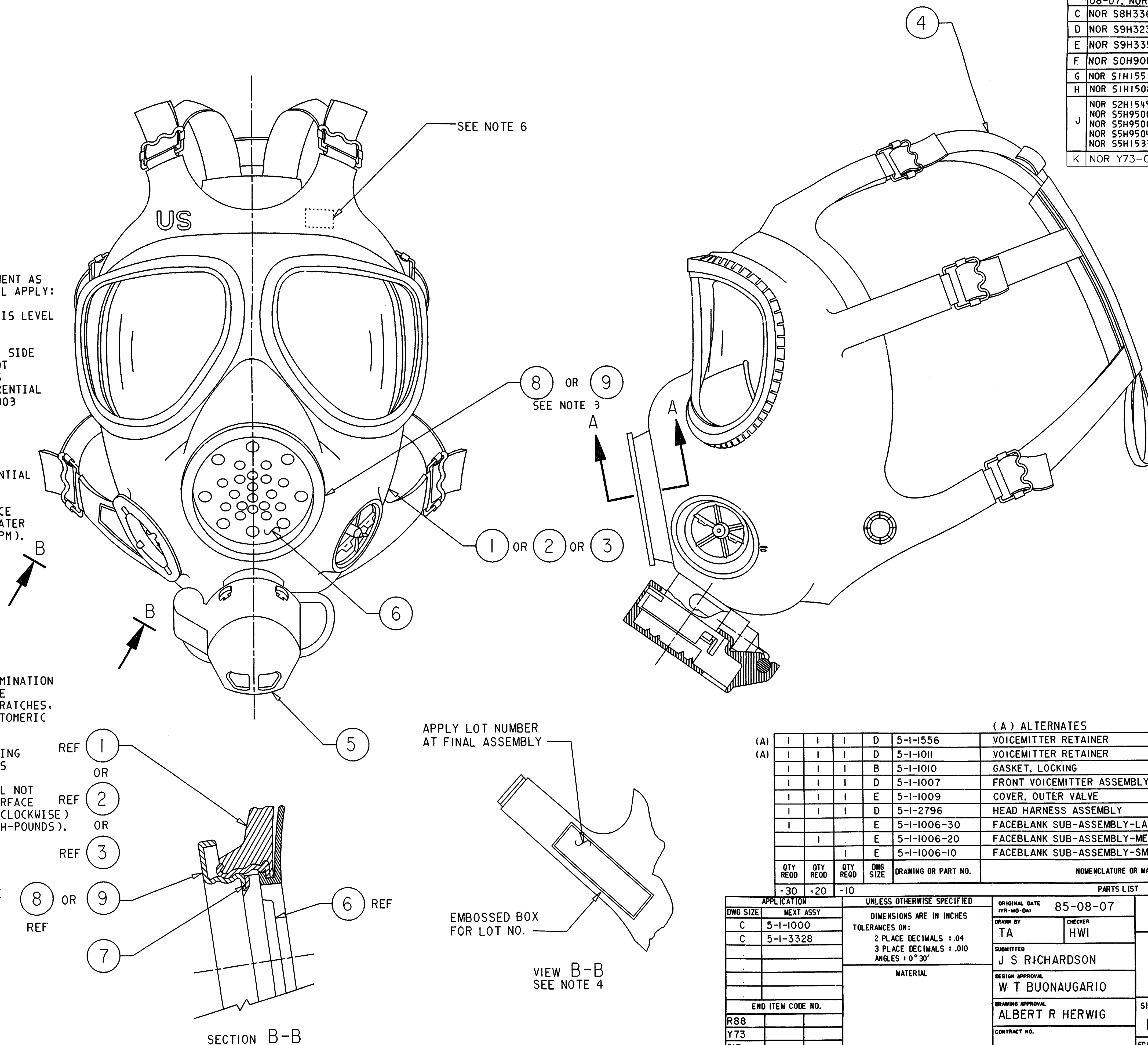
G. THE FACEPIECE SHALL BE FREE OF CONTAMINATION SUCH AS GREASE, OIL, AND DIRT; DAMAGE SUCH AS CRACKS, TEARS, PUNCTURES, SCRATCHES, AND ABRASIONS; PERMANENT SET OF ELASTOMERIC PARTS; OR DAMAGE OF METAL PARTS.

H. AFTER ASSEMBLY OF THE INTERNAL DRINKING TUBE AND COUPLING TO THE FACEBLANK AS SPECIFIED ON DRAWING 5-1-1006, THE INTERNAL DRINKING TUBE COUPLING SHALL NOT ROTATE AT THE OUTLET VALVE BODY INTERFACE WHEN SUBJECTED TO A BACKOFF (COUNTERCLOCKWISE) TORQUE OF 0.7 NEWTON-METERS (6.0 INCH-POUNDS).

I. WHEN PACKAGING THIS PART, USE SPI  
P5-1-1001.

J. FOR QUALITY ASSURANCE PROVISIONS SEE  
QAP 5-1-1001.

REVIEWS			
LTR	DESCRIPTION	DATE (YR-MO-DA)	APPROVED
B	REPLACES 5-1-100I REV A, DATED 85-08-07, NOR S7H3076-000I, 87-10-28	88-06-24	JSR/JGS
C	NOR S8H3366-000I, 88-08-31	88-10-06	LFP/BBB
D	NOR S9H3234-000I, 89-08-25	90-02-26	JSR/JGS
E	NOR S9H3351-0002, 89-12-12	90-05-08	JSR/JGS
F	NOR S0H9013-0003, 90-11-19	90-12-20	JSR/JGS
G	NOR S1H15516-0001, 91-10-25	92-02-07	JSR/JGS
H	NOR S1H1508-0001, 92-02-07	92-04-04	JSR/JGS
J	NOR S2H1545-0001, 92-12-17 NOR S5H9500-0005, 95-03-30 NOR S5H9500-0006, 95-03-30 NOR S5H9504-0001, 95-07-31 NOR S5H1533-0001, 96-02-29	96-07-17	920/JSR
K	NOR Y73-0104-0001, 97-11-18	98-03-19	JSR



(A) ALTERNATES									
(A)	I	I	I	D	5-1-1556	VOICEMITTER RETAINER	.	.	9
(A)	I	I	I	D	5-1-1011	VOICEMITTER RETAINER	.	.	8
	I	I	I	B	5-1-1010	GASKET, LOCKING	.	.	7
	I	I	I	D	5-1-1007	FRONT VOICEMITTER ASSEMBLY	.	.	6
	I	I	I	E	5-1-1009	COVER, OUTER VALVE	.	.	5
	I	I	I	D	5-1-2796	HEAD HARNESS ASSEMBLY	.	.	4
	I			E	5-1-1006-30	FACEBLANK SUB-ASSEMBLY-LARGE	.	.	3
		I		E	5-1-1006-20	FACEBLANK SUB-ASSEMBLY-MEDIUM	.	.	2
			I	E	5-1-1006-10	FACEBLANK SUB-ASSEMBLY-SMALL	.	.	1
	QTY REQD	QTY REQD	QTY REQD	DWG SIZE	DRAWING OR PART NO.	NOMENCLATURE OR MATERIAL		SPECIFICATION	ITEM NO.

[illegible]